

TITLE

**MICROBEAD IMMOBILIZATION OF ENZYMES**

ABSTRACT

Hydrocolloid gel beads containing enzymes immobilized therein are useful for  
5 catalyzing organic transformations in non-aqueous media. The enzyme is imbibed into a  
dehydrated hydrocolloid polymer gel bead. The resulting enzyme-laden bead may be  
dehydrated, if desired. A preferred hydrocolloid is carrageenan, especially kappa  
carrageenan. The resulting hydrocolloid gel beads are particularly adapted for catalyzing  
asymmetric transformations.